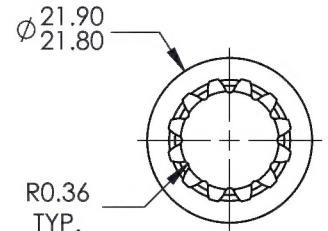
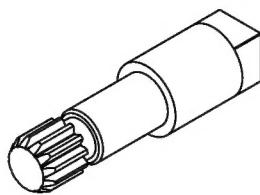


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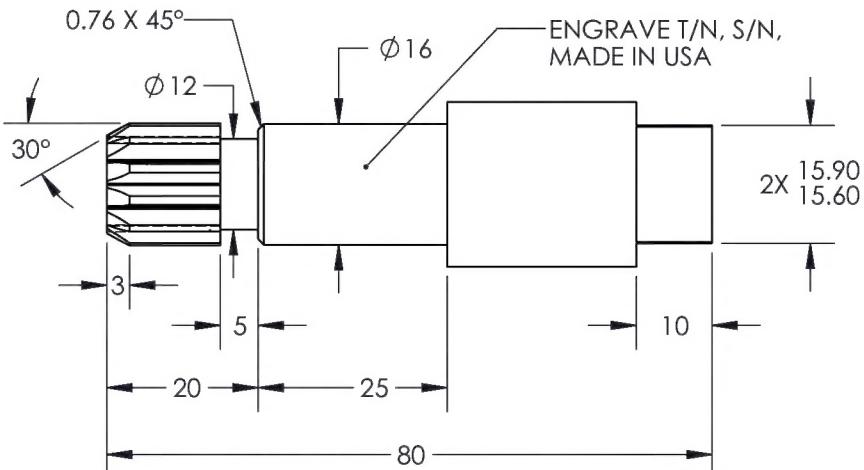


EXTERNAL SPLINE DATA INVOLUTE PROFILE SIDE FIT FILLET ROOT

PRESSURE ANGLE	30°
MODULE	1.27
NUMBER OF TEETH	12
PITCH DIAMETER	15.240
BASE DIAMETER	13.19823
CIRCULAR SPACE THICKNESS (EFFECTIVE)	/
CIRCULAR SPACE THICKNESS (ACTUAL)	1.880/1.900
PINS DIAMETER	2.7432
DIMENSION BETWEEN PINS	19.634/19.594
MAJOR DIAMETER	16.500/16.400
MINOR DIAMETER	12.590/12.460
MAX T.I.F. DIAMETER	13.868
MAX CUMULATIVE PITCH ERROR BETWEEN TWO TEETH	.036
MAX PROFILE ERROR (TOTAL)	.008/-0.013
MAX PARALLEL (SM ERROR TOTAL)	.008
MATING SPLINE	4G6320A11131

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	SCALE	DATE	APPROVED
			1		EXTERNAL SPLINE	1018/1020 CR		1	1:1	11/17/2014	SHEET 1 OF 1

REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	15-0206	ADDED .76 X 45° CHAMFER, ADDED NOTE 2, CH'D PIN DIAMETER WAS 2X Ø2.667 IS Ø2.7432.	11/20/2015	RJC	JAG
2	16-0047	REMOVED PINS AND DIM, ADDED ADDITIONAL VIEWS AND SQUARE END, CH'D SECTION LENGTH WAS 26 IS 25, CH'D MATERIAL WAS 1018/1020 IS 1018/1020 CR, CH'D FINISH WAS CAD PLATE YELLOW IS ZINC PLATE, CH'D NOTE 1 & 2, ADDED NOTE 3, ADDED ENGRAVE NOTE.	1/18/2016	SM	JAG



NOTE:

- ALL DIMENSIONS IN MILLIMETERS UNLESS SPECIFIED.
- REF AGUSTA T/N: 3G6305G31351
- PART OF KIT RBW6305G31231-3G

DART AEROSPACE	
TITLE	
SPLINED REACTION	
DWG NO.	RBW6305G31351-3G
REV	2
MATERIAL 1018/1020 CR	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT	
SPECIFIC FINISH ZINC PLATE	
SPEC ASTM B633 TYPE I SC 2	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
AW139	
SCALE	1:1
DATE	11/17/2014
SHEET 1 OF 1	

DART
AEROSPACE

SPLINED REACTION

RBW6305G31351-3G

REV
2

MATERIAL 1018/1020 CR

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

HEAT TREAT

.XXX ± .005 FRACTIONS ± 1/8

FINISH ZINC PLATE

.XX ± .01 ANGLES ± 5°

SPEC ASTM B633 TYPE I SC 2

X ± .1 SURFACES = 125 ✓

DRAWN BY:

1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R

CHECKED:

2. DIMENSIONAL LIMITS APPLY
AFTER PLATING

OPPS APPR:

3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009

QA APPR:

USED ON MODEL

APPROVED:

AW139

SCALE

1:1

DATE

11/17/2014

SHEET 1 OF 1